## FREE SPECIAL EVENT

Saturday • April 27 11am - 5pm

Northwest GREEN HOME Tour 2013

Discover
Green Building Strategies
In Your Neighborhood
That Work!





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Meet Local Green Building Experts Right in Your Neighborhood

Tour Co-Producers:





**Presenting Sponsor:** 



**Sustainable Sponsors:** 





Learn More at NWGreenHomeTour.org

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## Welcome GREEN HOME to the 3rd Annual Northwest Green Home Tour

It's Springtime. For many of us, this traditionally marks the time of year when we begin thinking about all those home improvement plans and maintenance projects that surfaced during the past year.

The NW Green Home Tour marks another tradition where members of our community open their homes, some providing a hands-on interactive green building laboratory that will help you envision creative and sustainable solutions for your home projects. Whether it's a big project or small, a whole-house remouled or a caulk and insulation energy upgrade, there is something for everyone on this year's tour.

This year we have a new name and some new faces, and, of course, some fan favorites are back! The Tour is co-produced by the NWEBG Seattle Chapter and Built Green®, and brought to you by our presenting sponsor, Greenhome Solutions.

We have assembled a great roster this year encompassing every shade of green. We have three new Passive House projects and many new builders joining us, including the Grow Community and Build Urban. Several site hosts are returning with new projects, including #12D, lastingsylest, Model Remodel, Y3 Built, Mighty House, ENVISION, and others. Puget Sound Solar, Shirey, and Clearwater Commons are back with news and updates. Also new this year, eight green building businesses are opening their doors to add to your green building learning experience. Drop by the Sustainability Stops for light snacks and refreshments to keep you going on Tour Day.

Be our guest on the tour - it's easy. Begin your tour experience online at www.nwgreenhometour.org. With our interactive maps, or your own Smartphone and this brochure, plan your own custom tour to see what you want to see at your own pace.

Walk, bike, ferry, or carpool to any of the 26 Project Sites or eight Sustainability Stops. Sign-in anytime between 11 am - 5 pm on Saturday, April 27th at any site or stop. Then you pick up your Tour wristband for access to all the Tour Sites, and you are ready to go!

Thank you to our Tour Sponsors for providing the support to allow the tour to be FREE for all of our tour guests.

From backyard cottages and energy retrofits to whole-house remodels and solar upgrades, you will be inspired by the diverse interpretations of sustainability offered by our professional members.

It's all here - come discover, learn, and experience for yourself.

Our house is open. See you on the tour. Your Tour Guide, Cate O'dahl



# Co-produced by:

#### Built Green® of King and Snohomish Counties

Built Green is an environmentallyfriendly, non-profit residential building program that gives consumers an easy-to-understand rating system and helps them to quantify their investments in environmentally friendly building practices. For more information, visit www.builtgreen.net.

#### The NW EcoBuilding Guild Seattle Chapter

**Eco Building** 

The Guild is a community of construction-related professionals and homeowners concerned with ecological building in the Pacific Northwest, who empower people through education to transform the built environment for long-term sustainability. Find more at www.ecobuilding.org.



#### Official Tour Brochure

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2013 Northwest Green Home Tour Brochure is a co-production of ESP Services, Built Green® of King and Snohomish Counties, and the Northwest EcoBuilding Guild Seattle Chapter.

Site Hosts and their projects, advertisers and sponsors of the Northwest Green Home Tour have not been formally reviewed or screened to determine the degree of their environmentally responsible practices. Please observe due diligence when selecting any contractor or other service professional. Comments made in the listings of site hosts and advertisements are not the opinion of the Northwest Green Home Tour. the Northwest Green Home Tour organizers, the Northwest EcoBuilding Guild, or Built Green®, and they do not take responsibility for their e

Green Home Tour Committee Members: Cate O'dahl, Sheldon O'dahl, Ann Dorn, Robert Burns, Ann Shi, Kim Mulligan, Laura Elfline, Eric Thomas, John Novack, Michael Vacirca, Anna Loewin, AJ Mallory, Nancy Small, Muriel Lawtry, Grace Huang, Aaron Adelstein

#### On the Cover 1. Backvard artist's studio by H2D

Architecture + Design (Site NO4).



3. Rendering of Dwell Development's Passivhaus at Columbia Station (Site SW05).

4. Grow Community, a new urban net-zero neighborhood on Bainbridge Island

5. Energy efficient homes, including Passive House, at Bellevue 41st by YS Built (Site E02).

 Interior Rendering of a Master Suite at Innovative Living @ Fremont by Build Urban and Innovative Living (Site N09). 7. Primary rainwater collection tank at the Herndon House, by Puget Sound Solar (Site NO7)

#### Site Feature Icon Definitions

All Shades of Green are Green - Every green building project excels in one or more green building categories. Look for the Site Feature Icons below on our projects page Spotlights in this Brochure to identify sites with exceptional performance in these green building categories.



Design Emphasizes functionality, quality & character by design. Aging in place.



Stormwater Management Emphasizes water infiltration and LID techniques



Green Roof Eco or vegetative roof installations



Water Conservation Emphasis on water saving features



Materials Conservation Efficient material use & selection to conserve. Waste reduction &



Indoor Air Quality (IAQ) Construction & material selection support IAO



Energy Emphasizes innovative energy systems and high performance standards





Active Photovoltaic (PV) or solar hot water



Community Emphasizes development density with connectivity, community, walkable, and transit-friendly



**Urban Farming** Composting, permaculture, & backvard chickens

#### Letters from the Co-Producers

Built Green is proud to partner with the Northwest EcoBuilding Guild on the Northwest Green Home Tour 2013. With over 20,000 green homes in the Puget Sound, there are green homes around us all of the time. no matter which community we live in.

This tour gives us the opportunity to showcase many of the best environmental practices that can be applied in homes, both new construction and remodel. Thirty percent of residential new construction projects are certified each year through Built Green, and our goal is to lessen the environmental impact of all of our homes, in order to preserve the health of our natural environment for future generations.

For more information on Built Green homes, or to view our interactive certification map of all 20,000 homes, visit www. builtgreen.net.

Aaron Adelstein BUILT GREEN **Built Green** 

Executive Director

The Northwest EcoBuilding Guild is very excited to have Built Green as our partner on the Northwest Green Home Tour 2013, After successfully producing the Seattle Green Home Tour for two years. we heard loud and clear from attendees, as well as our members, sponsors and volunteers that it should continue to be the springtime green home event in our region.

In light of the Guild's 20th Anniversary this year, we believe this partnership with Built Green signals an era of collaboration in which many hands join together to help make our world a better place for all living beings.

The Tour is an amazing day of fun, education, and inspiration. We hope you enjoy it!

Grace Huang

NW EcoBuilding Guild Seattle Chapter President

#### N01 CargoCottage™

by ShelterKraft Werks, Inc.

Single family, ADU, cottage home from

all steel, reclaimed shipping container for on-grid, semi- or fully off the grid living. Dual-flush toilets, on-demand water heater.



Find us on Tour Day

#### NO2



Rain Gardens in Ballard by Bristow Enterprises | Stewardship Partners

Map to neighborhood rain garden walking tour. PLUS, Site Host project features 3,400-gal. rain catchment, edible rain



garden, edible garden, solar, reclaimed and repurposed materials, low-/non-toxic finishes, sustainably harvested construction materials, natural lighting.

### **North Seattle Sites**



Site Hosts, shown in Burgandy, are described on these pages Sustainability Stops, shown in Yellow, are described on page Tour-6.

#### NO3 **Ballard Passive House**

by Hammer & Hand | VELOCIPEDE architects

Combines revolutionary performance with a PV-array, on-site stormwater treatment, rainwater harvesting, and sustainable finishes. Passive solar features, heat pump,



HRV, all electric thermal envelope, high performance windows, Tour day demonstrations with mockup and display

N<sub>0</sub>4 Backvard Artist's Studio by H2D Architecture + Design

Backyard artist studio: the existing detached garage was deconstructed and a new studio space was rebuilt on the old foundation. Certified Built Green®, rain



N06

by LastingNest

screen siding, low VOC / Zero VOC paints, Urban infill. ive/work, salvaged materials, compact,

## by live-work-play

NO5 **Greenwood Backvard Cottage** 

Reclaimed backyard garage becomes studio dwelling unit for aging in place. The outside is complete. The interior is under



are in the process; find out about sustainable features we used and the ones we wish we did.



#### Rainwater Collection Systems Residential • Commercial



www.RainBank.info 360.298 4719 WA Contractor Lic. RAINBRC896DJ

Re-Imagining a Ballard bungalow: small addition, new kitchen and bathroom with energy updating (Infrared Ceiling panels!) and cool European

**Dutch on Dibble Remodel** 



influences make this a home ready for the next century! Universal Design features, dual-flush toilets, radiant/ hydronic heating



103-year-old house remodel, efficiency, evacuated tube solar hot water, solar elec-

tric, earthquake retrofit, rainwater catchment, low water landscape, tubular skylight, foam insulation, cellulose









NOS



Journey to Sustainability & Approaching Net Zero by Puget Sound Solar

Single family, solar PV, rainwater harvesting, yard & food waste composting, urban farming, radiant / hydronic heating. All electric house, drain-water heat

recovery system, Green Power subscriber, IAQ & moisture control. Electric car, electric vehicle plug-in, close to Zip Car option.



## KIM MULLIGAN

A Deep Green Realtor Who Cares

N<sub>0</sub>9



Innovative Living @Fremont by Build Urban & Innovative Living

5-plex 4-Star Built Green® certified townhomes. Open floor plan, outdoor living spaces, pervious materials, native plants, Radiant/hydronic heating, Water conserving features, dual-flush toilets. Recycled-content materials, low-toxic paints

and adhesives Walkscore: 88.



Support for the Green Home Tour is provided by our Presenting Sponsor

Earth friendly building products & home st

N10 City Cabin

by Northwest Homecrafters & WEdesign

Detached Accessory Dwelling Unit, recycled cabinets, energy efficient building envelope with increased R-value walls, fully insulated concrete slab, advanced framing



N11



LimeLite in Wallingford by LimeLite Development

Open floor plan, outdoor living spaces, sustainable landscaping, native plants, tree retention, amended soils, water conserving features, dual-flush toilets.

Radiant/ hydronic heating, HRV, light sen-sors. Salvaged/ reused materials, construction practices support waste reduction. Low toxic paints/adhesives. Beyond code ventilation.



N12 PUTGETTE Blue View, Green Built in Green Lake by LD Arch Design & TC Legend Homes

Deep green remodel with SIPS construction, net zero energy, rainwater harvesting, natural materials, significant

salvaged/reused materials. Net zero. solar PV, ductless mini split, heat pump water heater, triple glazed windows, deconstruction. salvaged materials.



**N13** 



Remarkable Laurelhurst Remodel by Model Remodel & CAST architecture

Light-filled open floor plan, aggressive deconstruction plan Burgheen included salvage, repurposed materials and recycling. Non-toxic, durable, low maintenance materials and finishes used throughout.

Natural day lighting and improved energy efficiency. Improved indoor air quality.





Windows are critical to attaining Passive House standards. Klearwall offers the solution. www.klearwall.com

Sponsor of the 2013 NWGHT



#### Sustainability Stops in North Seattle

#### Stop 01 Greenhome Solutions

Greenhome Solutions is proud to sponsor the Tour. We are passionate about sustainability. With over 20 years in the construction industry, we pride ourselves on product knowledge, installation techniques, and knowing which



products are right for your project. Visit us product needs. See our

#### Stop 02 Soaring Heart Natural Bed Co.

We provide handcrafted and truly healthy mattresses and bedding, providing ultimate comfort at any age or stage of life. We also consider the environmental impact at every stage of the product



life cycle. Visit Soaring Heart during the tour and hear how our mattresses and bedding exceed industry standards.

#### Stop 03 The RE Store

Decon '13 Priority Stop! The RE Store carries new, used, unique & vintage cabinets, doors, windows, plumbing fixtures, antique lighting and door hardware, flooring, trim,



and much more. You will find items that cannot be found in big-box warehouses. This Stop Sponsored by Mighty House Construction.

#### Stop 04 **Dunn Lumber**



Family-owned building materials supplier since 1907. From Marysville to Normandy Park, our 10 stores are ready to help you

with your building material needs Dunn Lumber has FSC certified lumber available at three loca-



tions: Seattle/ Latona, Shoreline, and Bellevue. Visit Latona on Tour day for product demonstrations and refreshments.

#### Stop 05 Bedrock Industries

## 

own plant from 100% recycled glass. We

Visit us on Tour Day! We make all of our tiles by hand in our

do not use pigment in our glass and are proud to say we have literally recycled hundreds of tons of material destined for landfills See our tile installations on the Tour.

### Stop 06 **NW Natural Lighting**

Solatube Skylights = Affordable green improvement! View 3 ten-foot Solatubes and our new LED SMART SYSTEM; when daylight fades, LED lights inside the skylight turn on automatically. Refreshments on



Find products you saw on the Tour at our Sustainability Stops.

These Great Local Businesses will be Open During the Tour. Stop by for refreshments and information as you travel between projects. in South Seattle

Tour Day. Free DIY Class 10:30-11am! See Solatubes installed at the Sustainable Madrona Bungalow Remodel, Site SW02.

Support for the NW Green Home Tour is provided by to Green Tools

Reuse Association national conference. salvage project showcase at its new SoDo warehouse store. Visitors will see projects that used salvage way. www.deconexpo.org



Decon '13 Priority Stop! With growing attention on salvage and creative reuse, Second Use engages the local design and building community to spotlight Seattle area's creative building

professionals in this important area of Visit us on Tour day, we will provide some refreshments and lead store tours throughout the day.



Stop 08 Earthwise Architectural Salvage

Decon '13 Priority Stop! Earthwise is Seattle's original architectural salvage company. Founded in 1991, we specialize in the removal of building materials from historic or vintage structures and strive to preserve our architectural heritage through the resale of these building materi-

als and promoting re-use. We have thousands of items in two locations in Seattle and Tacoma



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## Support for the NW Green Home Tour is provided by







providing Energy Smart Loans for heating and cooling, hot water tanks, gas conversions, windows, and renewable energy like SOLAR! www.psccu.org.

Broadway Stevens











by Green Canopy Homes

Gut-rehab, LEED for Homes, single family residence. Rigorous air-sealing, extremely efficient HVAC, .27-.28 UV windows, low-VOC paints adhesives and sealants,



top tier low flow plumbing fixtures, 100% CFL bulbs. Energy Star appliances, local and reclaimed construction materials

SW03

**SW06** 

West Seattle

Genesee

Sustainable Madrona

by Mighty House Construction | ENTERO Design

Complete sustainable kitchen remodel, rain-

and adhesives, Natural/

Home performance tested. Salvaged/ reused materials, recycled-con-

tent & locally-sourced

finishes, native plants,

-

garage roof. All-elec-

tric with infra-red heat

panels. The new expe-

rience of Low Impact

City Living is waiting

for you at City Cabins

at Columbia Station.

materials, clay wall

heat pump.

City Cabins at Columbia Station

and HRV for fresh air. Save water

with modern fixtures. 4 townhomes, vegetated

"Home as a System" includes ad-

vanced framing, high R-values, triple

by Martha Rose Construction, Inc.

low-toxic materials.

water harvesting, Solatube, low-toxic pain

**Bungalow Remodel** 

Central, South & West Seattle Sites

> Interactive Map & More Info @ NWGreenHomeTour.org Site Hosts, shown in Green, are described on these pages Sustainability Stops, shown in Yellow, are described on page Tour-6.

### SW02



Ford Remodel by Better Builders

Water conserving features, dual-flush toilets, on-demand water heater, LED lighting, practice energy conservation. Natural/low-toxic



materials with no added urea formaldehyde, no carpet, salvaged/ reused materials, onsite job waste recycling, materials, FSC framing package or similar.







**Dwell Passivhaus at Columbia Station** by Dwell Development | Dwell Northwest

Passive House equivalent. Outdoor Built living spaces. Structured on-demand recirculating water system. HRV, ductless mini-split, radiant/hydronic heating, Rain screen, triple-glazed high performance windows, advanced



thermal envelope, thermally-isolated concrete slab. Home performance tested Beyond code ventilation. upgraded filters.

Support for the NW Green Home Tour is provided by

16 11

THE REAL PROPERTY.

### SW04



Community Power Works

Site-rainwater harvesting, tree retention.

Energy-practice energy conservation,

air sealing. Indoor Air Qualitynatural/low-toxic materials, low toxic paints and adhesives. Materials-salvage & deconstruction.

### SW07



**ENVISION Restoration & Energy Retrofit in West Seattle by** ENVISION | Puget Sound Solar | CPW

1900s classic restoration, energy upgrade, home performance testing on-site. Includes structural restoration, seismic retrofit, upgraded insulation, air sealing, salvage & reuse,



chickens, and more. Building Scientists/auditors on site to demonstrate energy audit features and benefits. Community Power

Works representatives on site to answer questions about energy efficiency upgrades. Owner/Builder on site to explain the science and passion behind this restoration

### **Eastside Sites**



by Shirey Handyman

Compact yet spacious, super energy efficient SIP construction, coolest roof in the Eastside features wind turbine, green roof, solar elec-tric, and solar hot water. The Zero Energy Idea House shows how



Kirkland Cottage

by Robertson GreenBuilt

Tiny "rambler" remodel: conscientious.

materials, energy-efficient, well-insulated,

cost-effective, repurposed, restored, salvaged

E03

a home can produce nearly as much energy as it consumes. See what works and what makes it Zero Energy 80% of the year



Custom single family home. 5-Star Built Green, LEED Platinum and Passive House (PH) being built by YS Built. Passive solar features, heat pump, HRV, light sensors, drain water heat recovery, gray water reuse green roof, open floor



plan, outdoor living spaces, advanced framing, rain screen, triple



by Clearwater Commons

11 units available at creekside eco-village

featuring low-impact construction, energy efficient construction, rain gardens, community gardens, pervious pavement, solar, chickens, opportunities for creative green



design. Sponsored by Living Shelter Design Architects. ARCHITECTS PLA



Interactive Map & More Info @ NWGreenHomeTour.org. Site Hosts, shown in Orange, are described on these pages.

healthy, low toxic finishes and adhesives. Solar PV + thermal water heat, tankless hot water + radiant/ hydronic heat, daylight by tripling glazing south side, walkable location on bus line

F05

Bellflower Renovation 425 Magazine's Idea House by Bristol Design & Construction

Midcentury renewal, owner-built, open floor plan, outdoor living spaces, pervious materials,



native & existing plants, tree retention. vegetable garden. Heat pump, high-efficiency furnace, on-demand water heater. Natural/ low toxic materials. Salvaged/reused material, FSC woods.





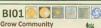
for progressive homeowners that value strong, innovative design



**Event & Seminar Productions Services** Organization and fund-raising for 2013 NW Green Home Tour was managed by ESP Services. This is our third green home tour in Seattle Metro. Thank you for being a part of the tour. - Cate O'dahl, ESP Services

## **Bainbridge Island Site**





by Grow Community

One Planet Living, net-zero homes, 5-Star Built Green, low impact development, cottage homes, Aging-in-place/ADA, rain gardens & bioswales. Electric vehicle plug-in, solar



PV, ductless mini-split, HRV, locally sourced, low toxic, no added urea formaldehyde materials, natural/passive ventilation, high performance windows, advanced thermal envelope

Take the 30-minute Seattle-Bainbridge walk-on ferry ride to visit Grow Communities, just a short walk from the terminal.

Support for the NW Green Home Tour is provided by



Support for the NW Green Home Tour is provided by







Beautiful, functional garden spaces. Call us to schedule a free site visit. 206,459,7022





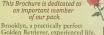
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This Brochure is dedicated to of our pack.



leading her pack in the mud rivers at Marymoor, swimming at Magneson, or just lounging in the sun. After 12 and 1/2 action-packed, adventurous years, Brooklyn was put to rest on Tuesday, February 5, 2013 with her family beside her She will be greatly missed by the O'dahl family, and her extended Guild family and friends who knew Brooklyn from meetings, events," and parties. Brooklyn was a truly wonderful companion and legendary



Cate &





Brochure Layout Courtesy of Ann Dorn, Seattle Natural Awakenings

grace. See ad page 13. try private sessions, discover your own innate transformation through movement. Take a class, At m'illumino, we are dedicated to your

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BabyDiaperService.Net 506-634-2229 BABY DIAPER SERVICE

#### CHILDREN'S SERVICES

traditional spring mattresses. See ad page 28. comfortable and supportive alternative to free latex mattresses designed to provide a Manufacturer and retailer of natural, chemical-

SeattleNaturalMattress,com 0996-614-902

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KANJIN YOGA

#### YOCK

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offer classes and workshops for

Nidra, Gentle Hatha Yoga, we

bodies. Specializing in Yoga

people live better inside their

health and wellness helping

Kanjin Yoga is a path to abundant

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Turning Fears Into Pleasure and

360-269-4955 Dr. Karen Fox

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### PERSONAL GROWTH

See ad page 25. a lower carbon footprint every month! of women who have decided to make menstrual cups. Join the community washable menstrual pads and Live more sustainably with GladRags

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